

GEPEK, Vaclav, inz.

Assembled compressor room. Poz stavby 11 no. 12: 646-648 '63.

1. Banske projekty, Ostrava.

CEPEK, Zdenek, Dr.

Pathogenesis of spontaneous pneumoperitoneum. Cas.lek.cesk. 91
no.42:1208-1210 17 Oct 52.

1. Z chirurgického oddeleni okresni nemocnice v Jindrichove Hradci.
Primar dr. Z.Cepek.
(PNEUMOPERITONEUM, etiology and pathogenesis)

CEPEK, Zdenek, MUDr; METENKA, Miroslav, MUDr

~~CONFIDENTIAL~~

Treatment of intestinal obstruction. Rozhl.chir. 34 no.6:339-351
June 55.

1. OUNZ Jindrichuv Hradec, chirurgicke oddeleni-prednosta prim.
MUDr Zdenek Cepek
(INTESTINAL OBSTRUCTION
pathol. & surg.)

~~MUDr. METNIKA~~ CEPEK, Zdenek

CEPEK, Zdenek, MUDr.; METNIKA, Miroslav, MUDr.

~~Volvulus of mesogaster~~
Volvulus of mesogaster with incomplete rotation of the intestines in
18-year-old girl. Reshl. chir. 36 no.3:131-136 Mar 57.

1. OUNZ Jindrichuv Hradec, chir. oddeleni, prednosta MUDr. Zdenek Cepek.
(INTESTINAL OBSTRUCTION, case report
volvulus of mesogaster with incomplete rotation (Cz))

CEPEK, Zd.; HLAVACEK, Boh.

Fate of a nailed subtrochanteric fracture in Albers-Schonberg's disease.
Acta chir. orthop. traum. cech. 26 no.2:145-148 Mar 59.

1. Chirurg. odd. predn. dr. Zd. Cepek; Rentgenolog. odd. predn. dr. Boh.
Hlavacek OUNZ Jindr. Hradec.

(OSTEOPETROSIS, compl.

subtrochanteric fract. of femur surg., intramedullary nail
fraction (Cz))

(FEMUR, fract.

subtrochanteric fract. in osteopetrosis, surg. intramedullary
nail fixation (Cz))

~~CEPEK, Zdenek; HLAVACEK, Bohdan~~

Phytobezoar and gastric ulcer. Rozhl. chir. 38 no.8:530-535 Aug 59.

1. Chirurg. oddeleni OUNZ Jindr. Hradec. prednosta dr. Zdenek Cepek
Rentgenolog. oddeleni OUNZ Jindr. Hradec. prednosta dr. Bohdan
Hlavacek.

(BEZOARS, compl.) (PEPTIC ULCER, compl.)

CEPEK, Zd.;HLAVACEK, Bohdan

Reflex disorders of the esophagus, stomach and larynx caused by
a pharyngoesophageal diverticulum. Rozhl. chir. 39 no.3:164-167
Mr '60

1. Chirurg. oddeleni, predn. MUDr. Zdenek Cepek, rontgenolog.
oddeleni, predn. MUDr. Bohdan Hlavacek, OUNZ v Jindrichove Hradci.
(GASTROENTEROLOGY dis.)
(PHARYNX dis.)
(ESOPHAGUS dis.)
(DIVERTICULOSIS compl.)

CEPEK, Z.; METELKA, M.

Glucocorticoids in the prevention of adhesive ileitis. Cesk.
gastroent. vyz. 15 no.5:342-347 Ag '61.

1. Chirurgické odd. OUNZ Jindr. Hradec, prednosta prim. dr Z. Cepek.
(ILEITIS prev & control)
(ADRENAL CORTEX HORMONES ther)

CEPEK, Zdenek

Acute chylous peritonitis. Rozhl. chir. 40 no.8:548-551 Ag '61.

1. Chirurgické oddělení OUNZ v Jindřichově Hradci, přednosta dr. Z.
Čepek.

(CHYLOPERITONEUM surg)

CEPEK, Z.

Acute renal failure in shock. Rozhl. chir. 41 no.12:789-795 D '62.

1. Chirurgické oddělení OUNZ v Jindřichově Hradci, přednosta MUDr.

Z. Cepek. (ACUTE RENAL FAILURE) (SHOCK)

CEPEK, Z.; HERMANEK, J.

Importance of the transverse fascia in surgery of inguinal
hernia. Rozh. chir. 43 no.1:12-16 Ja'64.

1. Chirurgické oddelení OUN v Jindřichově Hradci; vedoucí:
MUDr. Z. Cepek.

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CZECHOSLOVAKIA

UDC 616.146-001.45

CEPEK, Z.: Surgical Department, Okresni Hospital (Chirurgicke Oddeleni Okresni Nemocnice), Jindrichuv Hradec, Head (Primar) Dr Z. CEPEK.

"Gunshot Wound of the Vena Cava Inferior."

Prague, Casopis Lekaru Ceskych, Vol 105, No 20, 20 May 66, pp 521 - 523

Abstract [Author's English summary modified]: Treatment of the gunshot wound by suture of the vein is described. The same gunshot also caused injuries of the liver, and the patient was also treated for this wound. A successful surgical treatment of the vena cava inferior should be based on the rapid exploration of the vena cava inferior, digital compression of the vein and its suture, rapid blood transfusion, high pressure anesthesia in the treatment of ruptures of the upper portion of the vena, and the use of a complete surgical team. 1 Figure, 8 Western, 3 Czech references. (Manuscript received Feb 66).

1/1

- 206 -

CEPEL, J.; SIPOS, A.

Checking the accuracy of geometric form of gears derived from equidistant cycloids.
p. 619

STROJIRENSTVI (Ministerstvo tezkeho strojirenstvi, Ministerstvo vseobecneho
strenirenstvi) Praha, Czechoslovakia, Vol. 9, no. 6, Aug. 1959

Monthly List of East European Accessions (EEAI), LC Vol. 9, no. 2,
Feb. 1960

Uncl.

CEPEL, J.

Measuring surface irregularities and deviations from geometrical form in cycloids and their equidistants. p. 679.

STROJIRENSTVI. (Ministerstvo tezkého strojírenství, Ministerstvo přesného strojírenství a Ministerstvo automobilového průmyslu a zemědělských strojů) Praha, Czechoslovakia, Vol. 9, no. 9, Sept. 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 9, no. 1, Jan, 1960

Uncl.

S/081/62/000/003/082/090
B158/B101

AUTHOR: ^v
Cepel, Jaroslav

TITLE: Increasing the water resistance of polyester laminated
plastics by using fillers

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 3, 1962, 565, abstract
3P51 (Kaučuk a plast. hmoty, no. 2, 1961, 59-61)

TEXT: Causes of a reduction in the mechanical properties of polyester laminated plastics (PLP) are indicated and the possibility of eliminating them by using fillers is suggested. A study is made of the properties of PLP with fillers: Volan A, Verlan M, F, MZ, MF, CR-1 chromium complex, and silicones (vinyl trichlorosilane, vinyl triethoxysilane, and A-172). The best results are obtained using silicone fillers. PLP used without fillers lose 43% of their bending strength, but only 2-3% with silicone fillers. Bending strengths of PLP with and without fillers are given for 14 and 60 days' wetting. [Abstracter's note: Complete translation.] ✓

Card 1/1

CEPEL, Jiri; ZAHOROVSKY, Svatopluk, inz.; ELBEL, Jiri; JAROS, Josef, inz.

Chlorine-caoutchouc films as protection for green concrete.
Inz stavby ll. no. 1:21-27 Ja '63.

1. Vyzkumny ustav gumarenske a plastikarske technologie,
Gottwaldov (for Cepel and Zahorovsky). 2. Vojenske stavby,
Praha (for Elbel and Jaros).

ONPIL, J.

~~CONFIDENTIAL~~

Method of turning face grooves and polygons. Slov. Pat. Office
no.1:37-44 153.

1. Department of Machine Parts and Transportation Equipment,
Higher School of Technology, Kosice. Submitted March 25, 1962.

CEPEL, Jan, inz.; RITOK, Zoltan, inz.

Theoretical principles of the new method of manufacturing cylindrical threading machines with involute and concave profiles. Sbor VSN Kosice no. 2:57-65 '63.

1. Chair of Machine Sections, Higher School of Technology, Kosice.

CEPEL, J., doc., inz.; RITOK, Z., inz.; VELES, J., inz.

New methods of making cylindrical worms and leading screws with involute convex or concave profiles. Strojirenstvi 13 no.8:599-602 Ag '63.

1. Vysoka skola technicka, Kosice (for Cepel, Ritok) 2. Vihorlat, Snina (for Veles).

CEPEL, J.; SIPOS, A.

Mathematical relations of concave helicoidal surfaces, methods of their measurement. Sbor VST Kosice 1:67-75 '64.

1. Chair of Machine Parts of the Higher School of Technology, Kosice (for Cepel). 2. Regional Institute of Projects, Kosice (for Sipos). Submitted March 25, 1963.

CEPEL, J.; KUNIAK, M.

Graphic method of determining the shape of a concave helicoidal surface. Sbor VST Kosice 1:77-86 '64.

1. Chair of Machine Parts of the Higher School of Technology, Kosice (for Cepel). 2. Chair of Descriptive Geometry of the Higher School of Technology, Kosice (for Kuniak). Submitted March 25, 1963.

CEPEL, J., doc. inz.; KUNIAK, M., inz.; SIPOS, A., inz.

Graphic and mathematical method of determining the form of a
concave helical surface. Strojirenstvi 14 no.4:280-286 Ap '64

1. Higher School of Technology, Kosice (for Cepel and Kuniak)
2. KPU, Kosice (for Sipos).

CEPELA, Josef; FORMAN, Rudolf; RUFERT, Svatopluk, dr.

The technical organisation standards. Prum potravin 13 no.6:
281-286 Je '62.

1. Sdruzeni cukrovaru, Praha (for Cepela). 2. Vyskumny ustav
ekonomiky potravinarskeho prumyslu, Praha (for Forman and Rufert).

CEPELA, Jan, inz.

Practical experiences in using the Theo 020 tachymetric theodo-
lite for technical and economic cartographic measurments.
Geod kart obzor 10 no. 1:14-16 '64.

1. Ustav geodezie a kartografie, Zilina.

CEPELAK, B.

Political safeguard for civilian defense. p. 2

OBRANCE VLASTI. Praha, Czechoslovakia. Vol. 3, no 47, Nov. 1955

Monthly List of East European Acquisitions (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

CEPELAK, B.

In spirit of the Hussite tradition. p. 4

OBRANCE VLASTI. Praha, Czechoslovakia. Vol. 3, no 47. Nov. 1955

Monthly List of East European Accessions (EEAI), LC. VOL. 8, No. 9, September 1959
Uncl.

CEPELAK, J; KEMTONY, L

"Some remarks on the occurrence and dynamics of Syrphidae (Diptera) in the spring area of the Nitra River."

BIOLOGIA, Bratislava, Czechoslovakia, Vol. 13, no. 11, 1968

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Sept 59
Unclass

CEPELAK, Jiri, doc., dr.

Rhinotachina (Pseudorhinotachina, n. subg.) mesnili, n.sp. a new fly
from the southern Slovakia (Diptera, Larvaevoridae). Cas entom. 59
no.4:341-347 '62.

1. Lehrstuhl fur Zoologie, Landwirtschaftliche Hochschule, Nitra,
Dobsinskeho 6/I.

CZECHOSLOVAKIA

LINCOVA, D.; CERNOMORSKAY, M.; CEPELIK, J.; HYNIE, S.; Pharmacological Institute, Faculty of General Medicine (Farmakologicky Ustav Fak. Vsoob. Lek.), Prague.

"Relationship Between the Release of Fatty Acids and Glycerol in the Interaction of Sympathomimetics and Lytics on Fatty Tissue."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, p 412

Abstract: Sympatholytic 1-(4-monomethylphenoxy)-3-isopropylamino-propane-2-ol was used to antagonize the action of isopropyladrenalin and isopropyloxedrine. The parallel shifting of the characteristic curves of the antagonized catecholamine is substantially smaller than for the curves on the antagonized oxedrine derivative. 1 Western, 2 Czech references.

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CEJELAK, J.

Statistical evaluation of labor conduction methods. Cesk. gyn. 13 no.
11-12:505-506 1951. (CLML 22:1)

CEPELAK, J.

Result of application of associated experimental methods in determination of the higher nervous function for psychoprophylaxis. Cesk. gyn. 18 no.3:211-217 June 1953. (GLML 25:1)

1. Of the Institute of Mother and Child Welfare (Director--Prof. J. Trapl, M.D.), Prague-Podole.

EXCERPTA MEDICA Sec 8 Vol 9/11 Neurology Nov 56

5016. ČEPELÁK J. UPMI, Praha-Podolí. «Změny funkčního stavu druhé signální soustavy po spánkové terapii. Changes of the functional state of the second signal system after sleep therapy ČSL.GYNAEK. 1955, 2 (87-95) Tables 9

With a single exception, improvement of the functional state of the second signal system was recorded in all the female patients who had subjected themselves to sleep therapy. This became manifest in improved power of speech, normalization of the latent reaction-phase, and in a normalization of the reaction-formation due to a regression of suppressive symptoms in the connective systems of speech. From the rapid change of reaction velocity and reaction-formation in the speech experiments, it may be concluded that after the sleep therapy, essential alterations have taken place in the functional state of the second signal system.

Paradovsky - Zilina

CEPELAK, Jiri, PhDr

Psychological approach to anamnesis examination. Prakt. lek.
Praha 35 no.1:18-20 5 Jan 55.

1. Ustav pro peci o matku a dite, Praha-Podoli
(DIAGNOSIS
anamnesis, psychol. approach)

TUMOVA, Zita, MUDr.; ~~CEPELAK, Jiri, PHDr.~~

Interruption of medicated sleep after gynecological surgery.
Cesk. gyn. 21 no.5:399-406 Nov 56.

1. Ustav pro peci o matku a dite v Praze, reditel prof. MUDr.
J. Trapl.

(GYNECOLOGICAL DISEASES, surg.

postop. sleep ther. with interruption of sleep (Cz))

(SLEEP, ther. use

after gyn. surg., with sleep interruption (Cz))

CHEPELAK, Y. [CEPELAK, J.]; TUMOVA, Z., SERVIT, Z.

Therapeutic sleep induced with the aid of electrotonus. [with
summary in French]. Zhur.nevr. i psikh. 58 no.2:163-170 '58
(MIRA 11:5)

1. Institut okhrany materinstva i detstva Ministerstva zdorov-
okhraneniya Chekhoslovakii i Fiziologicheskii institut Chekhoslovatskoy
akademii nauk, Praga.

(SLEEP, therapeutic use,

induction with electric current & small doses of narcotics
(Rus))

CEPELAK, Jiri, TUMOVA, Zita

Mental state of women before surgery and preoperative psychoprophylaxis. Cesk.gyn. 24[38] no.10:766-771 D '59.

1. Ustav pro peci o matku a dite v Praze-Podoli, prednosta prof.dr.

J. Trapl.

(PREOPERATIVE CARE)

(GENITALIA FEMALE surg.)

CEPELAK, Jiri; STURMA, Jan

Effect of interrupted pregnancy on sexual behavior of the woman.
Cesk.gyn.25[39] no.9:709-713 N '60.

1. Ustav pro peci o matku a dite v Praze, red.doc.dr. M.Vojta,
zaslouzily lekar CSSR. Ustav pro doskolovani lekaru v Praze,
reditel prof. dr. J.Knobloch, Dr.Sc.
(ABORTION THERAPEUTIC)
(SEX BEHAVIOR)

CEPELAK, Jiri; TUMOVA, Zita

Psychohygienic and psychotherapeutic significance of physical exercise for women. Cesk.gyn.26[40] no.1/2:19-22 F '61.

1. Ustav pro peci o matku a dite v Praze-Podoli, red.doc.
Mir.Vojta, zaslouzily lekar CSSR.
(PHYSICAL EDUCATION AND TRAINING psychol)

CEPELAK, Jiri; STURMA, Jan

The effect of mechanical contraceptives on sexual life in women.
Cesk. gyn. 26 [40] no.5:392-394 V. '61.

1. Ustav pro peci o matku a dite, Praha, reditel doc. dr. Mir. Vojta,
zasl. lekar CSSR Ustav pro doskol. lekaru, katedra gyn. por., Praha,
prednosta doc. dr. Ant. Cernoch.
(CONTRACEPTIVES) (SEX BEHAVIOR)

KLACANSKY, T., C.Sc.; HENZL, M., C.Sc.; ~~CEPELAK, J.~~; HONTELA, S.; HORSKY, J.,
C.Sc.; KUCERA, F., C.Sc.; ~~LUKSCH, F., C.Sc.~~; SONEK, M.; TALAS, M.

A possibility for the examination of the hypothalamo-pituitary system
in endocrine disorders in gynecology. Cesk. gyn. 26[40] no.6:607-
610 61. '61.

(GYNECOLOGY diag) (HYPOTHALAMUS dis)
(PITUITARY GLAND dis)

TUMOVA, Z., CSc.; CEPELAK, J.

Changes in the functional state of the central nervous system in pregnant women with edema gravidarum. Cesk. gynek. 27 no.1/2:54-58
Pr '62.

1. Ustav pro peci o matku a dite v Praze-Podoli, reditel doc. MUDr.
M. Vojta.

(PREGNANCY TOXEMIAS physiol)
(CENTRAL NERVOUS SYSTEM physiol)

MALEK, J. doc.; TRNKA, V., dr. Sc, doc.; CEPELAK, J., C.Sc.; DYKOVA, H.;
HONTELA, S.; PRESL, J.; STERBA, R., C.Sc.

Therapy and prevention of diencephalo-pituitary disorders in gynecology.
Cesk. gyn. 26[40] no.8:623-628 JI '61.

1. I por.-gyn. klinika fakulty vseobecného lékařství KU, přednosta
prof. dr.K.Klaus; Ustav pro péči o matku a dítě v Praze-Podolí, reditel
doc. dr. M.Vojta.

(PITUITARY GLAND ANTERIOR dis)
(DIENCEPHALON dis) (GYNECOLOGY ther)

Obstetrics and Gynecology

CZECHOSLOVAKIA

CEPELAK, J.; HENZL, M.; Institute for the Care of Mother and Child, Prague. /Original version not given/.

"Psychotropic Drugs in the Therapy of Premenstrual Syndrome."

Prague, Activitas Nervosa Superior, Vol 8, No 4, Nov 66, pp 462 - 464

Abstract: Effect of psychotropic drugs in combination with vegetotropic and diuretic agents in the treatment of premenstrual syndrome (PS) was investigated. The first drug tested PM-1 contains glycerinoguaiaacolicus ether, dinydroergotamine, caifein and phenobarbitol. The second PM-2 contains meproamate and hydrochlorothiazid. 50 patients were used for the testing of each of the drugs. PM-1 completely removed 11 out of 13 symptoms, and reduced the symptom s score from 17.7 to 4.0. PM-2 only alleviated the symptoms and reduced the score from 19.8 to 8.5. 1 Table no references. Submitted at the 8th Annual Psychopharmacological Meeting at Jesenik, 18-22 Jan 66. Article is in English.

1/1

Turbidimetric titration of phenolic condensation poly-
mers. Jos. Cepelák (Ústav. vysokom uměleckém amol.
Pardubice, Czech. J. - State v. A. v. 2, 31-8 (1955).
 Fractions of various phenolic resins and their mixts. were
 characterized by turbidimetric titrations with methylal,
 acetone, or their mixts. as solvents and 0.5-1N H₂SO₄ as
 precipitant. The resolution obtained was markedly im-
 proved in reducing the resin concn. from 0.1 to 0.025 g./100
 cc.
 H. Morawetz

4420-1
 may-2

fm org

Determination of the average molecular weight of novolaks in the presence of phenol. J. Cepelák (Research Inst. Synthetic Resins, Pardubice, Czech.), *Plast. 2, Kautschuk 2*, 10 (1956).—A method was described for the calcn. of the av. mol. wt. of a novolak (I), M_1 , for mixts. of I and phenol (II). The av. mol. wt. of the mixt., M_2 , was detd. in dioxane. The apparent mol. wt. of I, M_1^* , was detd. in H. M_1 was then calcd. by the equation $M_1 = M_2^* M_2 - 94 / M_2 + 94$. The cryoscopic const. of dioxane was found to be 0.83 and of H was 0.8. *Millard Maienthal*

CZECH

✓ Adapter for the cryoscopy of hygroscopic liquids. J. Čepelák (Výzkumný ústav synth. vysokým. Pardubice, Czech.). *Chem. Listy* 49, 259 (1955).—The air humidity can be eliminated by the use of an adapter described which can be attached to the side arm of a cryoscopic vessel and which serves simultaneously as a weighing vessel. E. B.

CEPELAK JOSEF

CZECHOSLOVAKIA/Physical Chemistry. Thermodynamics. Thermo-chemistry. Equilibria. Physical-Chemical Analysis. Phase Transitions.

B

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 73264.

Author : Josef Cepelak, Jaromir Maly, Vojtech Machacek.

Inst :

Title : Extraction of Uranyl Nitrate by Diethyl Ether
from Water - Nitric Acid - Ammonium Nitrate Solutions.

Orig Pub: Chem. listy, 1957, 51, No 2, 2195-2199.

Abstract: The authors established the equilibrium distribution of uranyl nitrate (I) between aqueous HNO_3 solution and diethyl ether (II) in the presence of NH_4NO_3 . The distribution was different at HNO_3 concentrations of 1 and of 5 n. Based on the study of the equilibrium of absorption spectra of the two phases and of the

Card : 1/2

CZECHOSLOVAKIA/Physical Chemistry. Thermodynamics. Thermo-chemistry. Equilibria. Physical-Chemical Analysis. Phase Transitions.

B

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 73264.

course of the curve of the liquid phase melting, it is assumed that at the extraction of I with II from 5 n. HNO_3 , uranium is in the aqueous phase as $\text{U}_2\text{O}_5^{2+}$, and in the organic phase it is as a complex with a $\text{UO}_2(\text{NO}_3)_3^-$ ion. The exact equation of the equilibrium reaction on the dividing border of both the phases could not be determined in consequence of the difficulty to determined HNO_3 bound with II and with I in the organic phase.

Card : 2/2

CZECHOSLOVAKIA / Physical Chemistry. Thermodynamics. B
Thermochemistry. Equilibris. Phase
Changes. Physico-chemical Analysis.

Abs Jour : Ref Zhur - Khimiya, No 12, 1959, No. 41612

Author : Cepalek, J.; Maly, J.; Machacek, V.

Inst : Not given

Title : Extraction of Uranyl Nitrate with Diethyl
Ether from Water - Nitric Acid - Ammonium
Nitrate Solutions

Orig Pub : Collect. czechosl. chem. commun., 1958,
23, 1509-1514

Abstract : No abstract given. See Ref Zhur - Khim,
1958, No 22, 73264

Card 1/1

Country : CZECHOSLOVAKIA E
Category : Analytical Chemistry. Analysis of Inorganic Substances
Abs. Jour : Ref Zhur - Khim., No 5, 1959, No. 15086
Author : Cepelak, J.; Maly, J.; Vesely, V.
Institut. : -
Title : Determination of Uranyl Nitrate in the Presence of Free Nitric Acid by Alkalimetric Titration
Orig. Pub. : Chem. listy, 1958, 52, No 3, 547-549
Abstract : On the basis of the reaction: $\text{UO}_2(\text{NO}_3)_2 + \text{H}_2\text{O}_2 = 2\text{HNO}_3 + \text{UO}_4$, which proceeds quantitatively at pH 2-5, a rapid titrimetric method was developed for the determination of $\text{UO}_2(\text{NO}_3)_2$ (UN), which is also effective in the presence of free HNO_3 . Elimination of excess H_2O_2 during titration is not required. An outlay of 0.1 n. NaOH, the equivalent of freed HNO_3 , is established potentiometrically or visually. The potentio-
Card: 1/5

Country	: CZECHOSLOVAKIA	E
Category	: Analytical Chemistry. Analysis of Inorganic Substances	
Abs. Jour	: Ref Zhur - Khim., No 5, 1959,	No. 15086
Author	:	
Institut.	:	
Title	:	
Orig. Pub.	:	
Abstract	: metric method consists in first titrating the	
Cont'd	total HNO_3 after the addition of 5 ml. of 30% H_2O_2 to the analyzed solution, and then titrating the free acid without the addition of H_2O_2 ; from the difference, the quantity of UN present is found. An accurate reading of the inflection point on the titration curve of free HNO_3 is hindered by the appearance of a second inflection point which corresponds to the formation of $\text{UO}_2(\text{UO}_3)_4(\text{NO}_3)_2$. Therefore, it is	
Card:	2/5	

E - 22

Country	: CZECHOSLOVAKIA	E
Category	: Analytical Chemistry. Analysis of Inorganic Substances	
Abs. Jour	: Ref Zhur - Khim., No 5, 1959, No. 15086	
Author	:	
Institut.	:	
Title	:	
Orig Pub.	:	
Abstract Cont'd	: recommended to add 3 g. of hard NaNO_3 per each 0.5 g. of UN to the analyzed solution, before titration without H_2O_2 , in order to suppress the hydrolytic formation of $\text{UO}_2(\text{UO}_3)_4(\text{NO}_3)_2$. In visual determination of the terminal point, the total quantity of HNO_3 (1-2.5 g. of UN per 100 ml.) is titrated first after the addition of H_2O_2 and 10 drops of Tashiro indicator (100 ml. of 0.03% alcohol solution of methyl red	
Card:	3/5	

Country	: CZECHOSLOVAKIA	E
Category	: Analytical Chemistry. Analysis of Inorganic Substances	
Abs. Jour	: Ref Zhur - Khim., No 5, 1959,	No. 15086
Author	:	
Institut.	:	
Title	:	
Orig. Pub.	:	
Abstract Cont'd	: plus 15 ml. of 0.1% aqueous solution of methylene blue) up to a change of the violet color of the solution into yellow-green; then, the free HNO_3 is titrated according to a mixed indicator (70 ml. of 0.1% alcohol solution of dimethyl yellow plus 30 ml. of 0.1% solution of methylene blue) until change of the cherry-red color into green. The visual method of determining the end of titration is simpler and faster than the potentiometric one, and gives	
Card:	4/5	

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Country : CZECHOSLOVAKIA
Category : Analytical Chemistry. Analysis of Inorganic Substances E
Abs. Jour : Ref Zhur - Khim., No 5, 1959, No. 15086
Author :
Institut. :
Title :
Orig Pub. :
Abstract : more accurate results. The average error of
Continued differential determination of UN is less than
 $\pm 2\%$.-- J. Vanecek

Card: 5/5

CEPELAK, Jurej

Killing and preparation of higher flies. Biologia, Bratisl. 10
no.1:84-88 1955.

1. Ustav zoologie Vysokej školy pol'nohospodarskej v Nitre.
(FLIES,
killing & prep. in laboratories.)

CEPELAK, J.

CZECHOSLOVAKIA/Special and General Zoology - Insects.

0-3

Abs Jour : Referat Zhur .. Biologiya, No 16, 1957, 69765

Author : Cepelak, J.

Inst :

Title : New Findings on the Grey Meat Flies of the Genus Sarco-
Phaga Meigen (Diptera, Calliphoridae).

Orig Pub : Biologia, 1956, 11, No 11, 677-689

Abstract : A survey of the fauna of "Takhin" [Grey Flies] found
in Slovakia in 1953-1955 is submitted. In all 26 species
are found, out of which 14 are found for the first time
in Slovakia, and two new ones in the entire Czechoslovakia.
The diagnostic differentiation of the forms of Parasarco-
phaga crassipalpis Macq. is refined.

Card 1/1

- 19 -

CEPELAK, J.

CZECHOSLOVAKIA/General and Specialized Zoology. Insects. P
Systematics and Faunistics.

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 49468

Author : Cepelak J.

Inst : ~~Univ. of Bratislava~~

Title : Dipterological Collections in the Neighborhood
of Kral'ovsky Chlmec (South eastern Slovakia)

Orig Pub : Biologia, 1957, 12, No 3, 225-226

Abstract : Ecological and faunal remarks about 11 Syrphidae
species and 20 Larvaevoridae species are given;
of the latter, Cuphocrera varii and Senotainia
tricuspis are new for the Czechoslovak fauna.

Card : 1/1

Cepelak, J.

CZECHOSLOVAKIA / General and Special Zoology. Insects. P
Biology and Ecology.

Abs Jour: Ref Zhur-Biol., No 21, 1958, 96448.

Author : Cepelak, J., Slameckova, M.

Inst : Not given.

Title : Results of Collecting Carrion Flies of the
Genus Sarcophaga in Various Localities of the
Zobor Mountain near Nitre.

Orig Pub: Biol., 1957, 12, No 12, 915-927.

Abstract: The fauna of the carrion flies (CF) of the Zobor
Mountain (587) represents an intermediate phase
between the lowland steppe portion and that of
the Carpathian Mountains. In all, 24 species
were registered. The greatest variety of CF
was found on the mountain summit. Lowland forms
were found also in the very summit, but they

Card 1/2

CZECHOSLOVAKIA / General and Special Zoology. Insects. P
Biology and Ecology.

Abs Jour: Ref Zhur-Biol., No 21, 1958, 96448.

Abstract: were exclusively of southern origin. The CF are rarer on the open sections of the slopes, as well as in the great solid masses of the forest. Mass multiplication of the gypsy moth, the pine silkworm and other moths, on which the sarcophaga species develop, is accompanied by growth in numbers of the carrion flies. The author thinks that some species of the Sarcophaga (S. misera, S. uliginosa, S. Shutzei) play a role in limiting the propagation of the gypsy moth and the pine silkworm. -- From the authors' resume.

Card 2/2

CZECHOSLOVAKIA

CEPELAK, Juraj, Dr., Docent, Chair of Zoology (Katedra zoologie),
Higher School of Agriculture (Vysoka skola polnohospodarska), Nitra.

"Larvaeoridae - Diptera in the Area of Laksarska Nova Ves"

Bratislava, Biologia, Vol XVIII, No 4, 63, pp 286-289.

Abstract [Author's German summary, modified]: Evaluation of a collection of Larvaeoridae made on the Zahori plain in the vicinity of Laksarska Nova Ves. A maritime species, the *Germaria angustata* Zett., unknown in Czechoslovakia was found. Among other species were the following ones never found in Slovakia before: *Winthemia erythrura* Meig., *Winthemia venusta* Meig., *Lydella stabulans* Fall., *Vibrissina turrita* Meig., and *Dexiosoma caninum* Fabr. Eight references, including 3 Slovak, 1 Czech, and 1 Russian.

1/1

CZECHOSLOVAKIA

CEPELAK, Juraj; Chair of Zoology at the College of Agriculture
[Katedra Zoologie Vysoke Skoly Zemedelske], Nitra.

"Moth Tomostethus Nigritus F. as Host of Larvae of Hyalurgus
Tomostethi, N. SP. (Diptera, Larvaevoridae)."

Bratsilava, Biologia, Vol 18, No 10, 1963, pp 756 - 759

Abstract: At the end of 1960 a substantial damage to Tomostethus
Nigritus F. was caused by moths in Southern Moravia. Larvae of
the moth were studied and parasites of these larvae were discov-
ered. Description of one kind of these parasites is given.
3 Figures, no references.

1/1

2

CEPELAK, Václav, vedoucí studentského vědeckého kroužku, vedoucí učitel;;
BOBEK, Karel, doc., Dr.

Erroneous diagnosis of pulmonary embolism. Vnitř. lek., Brno
1 no.9:676-684 Sept 55.

1. Z kliniky chorob vnitřních v Plzni, přednosta doc., Dr.
Karel Bobek, Plezen, Nam. C. bratří 15.
(PULMONARY EMBOLISM AND THROMBOSIS, diagnosis
embolism, symptoms & diag. difficulties.)

Cepelak, V.

BOBEK, K.; CEPELAK, V.

The adhesive index; its significance in the diagnosis & treatment of venous thrombosis. Rev. Czech. M. 3 no.4:284-298 1957.

1. Clinic for Internal Diseases, Medical Faculty, Charles University, Plzen. Director: Professor K. Bobek.

(THROMBOPHLEBITIS, blood in
platelet adhesiveness, diag. & ther. indic., review)

(BLOOD PLATELETS
adhesiveness in thrombophlebitis, diag. & ther. indic.,
review)

BOBEK, Karel, Prof. Dr.; ~~CERPELAK~~, Vaclav, Dr.

Prevention of thromboembolism in obstetrics & gynecology. Cesk. gyn.
22/36 no.8:562-567 Dec 57.

1. Klin. chor. vnitr. v Plzni, prednosta prof. Dr Karel Bobek.
(THROMBOEMBOLISM, prev. & control
in obst. & gyn. surg. (Cz))
(GENITALIA, FEMALE, surg.
postop. thromboembolism, prev. (Cz))
(OBSTETRICS
prev. of thromboembolism in (Cz))

CEPELAK, VACLAV

ROBEK, Karel.;CEPELAK, VACLAV.

Butazolidine as an anticoagulant in the treatment of thrombosis.
Gas. lek. cesk. 96 no.19:582-586 10 May '57.

1. Klinika chorob vnitřních v Plzni, prednosta prof. Dr. K. Bobek.
(THROMBOSIS, ther.
phenylbutazone (Cz))
(PHENYLEUTAZONE, ther. use
thrombosis (Cz))

CEPELAK, V.

Waldstein Machinery Works in Sedlec, original home of the Skoda Works.
page 147.

(SBORNIK PRO DEJINY PŘÍRODNÍCH VED A TECHNIKY, vol. 1954, Praha)

SO: Monthly List of East European Accession, (EFAL), LC, Vol. 4, No. 11,
Nov. 1955, Uncl.

CEPELAK, V.

BOBEK, K.; CEPELAK, V.

Adhesiveness of blood platelets in diagnosis of phlebothrombosis. Cas.
lek. cesk. 96 no. 40-41:1245-1249 11 Oct 57.

1. Klinika chorob vnitrnich v Pizni, prednosta prof. Dr. K. Bobek.
(THROMBOSIS, blood in,
blood platelets adhesiveness, diag. value (Cx))
(BLOOD PLATELETS,
adhesiveness, diag. value in thrombosis (Cx))

CEPELAK, V

BOBEK, Karel; CEPELAK, Václav; MATEJČEK, Jan

Effective help in the fight against puerperal thrombosis. Cesk. gyn.
23[37] no.5:337-343 July 58.

1. Klin. chor. vnitr., prednosta prof. dr. K. Bobek, a gyn. por. klin.
v Plzni, prednosta prof. dr. Vl. Mikolas. K. B., klin. chor. vnitrnich,
Plzen, Marxova 13.

(PUERPERIUM, complications
thrombosis, diag. & ther. (Cz))

(THROMBOSIS,
in puerperium, diag. & ther. (Cz))

EXCERPTA MEDICA Sec 6 Vol 13/7 Internal Med. July 50

3723. LABORATORY DIAGNOSIS OF VENOUS THROMBOSIS - Bobek K. and
Cepelák V. Med. Clin., Charles Univ., Plzeň - ACTA MED. SCAND.
1958, 160/2 (121-133) Tables 1 illus. 15

The reliability of clot retraction time, silicone tube coagulation time and platelet adhesiveness for recognition of venous thrombosis was investigated. The above-mentioned laboratory tests, altogether 3,118 tests, were performed on 980 patients, 400 of whom had venous thrombosis. For the recognition of the active stage of venous thrombosis, the platelet adhesion index proved to be the most reliable test. Only 7 out of 191 patients with an active thrombosis showed a false negative test, 31 out of 566 patients without thrombosis showed a false positive test.

Haanen - Nijmegen (VI, 2, 19)

BOBEK, Karel; CEPNIAK, Vaclav

Improvements in the diagnosis of pulmonary embolism. Cesk. gyn. 24[38]
no.3:153-159 Mar 59.

1. Klinika chorob vnitřních v Plzni, přednosta prof. dr. K. Bobek.
K. B., Marxova 13, Plzeň.

(PULMONARY EMBOLISM AND THROMBOSIS, diagnosis,
postpartum (Cz))

(LABOR, compl.
postpartum embolism, diag. (Cz))

ROBEK, K.; CHEPELAK, V. [Čepelák, V.]; MATEJČEK, I. [Matejček, J.]

Control of the thromboembolic disease in obstetric and gynecological practice. Akush.i gin. 35 no.4:17-27 J1-Ag '59. (MIEA 12:11)

1. Iz terapevticheskey kliniki (zav. - prof. K. Bobek) i akushersko-ginekologicheskoy kliniki (zav. - prof. V. Mikolash) meditsinskogo fakul'teta Karlova universiteta (Chekhoslovakiya).

(THROMBOEMBOLISM prev. & control)

(GYNECOLOGICAL DISEASES compl.)

(PREGNANCY compl.)

(LABOR, compl.)

BOBEK, Karel; CEPELAK, Vaclav

Adhesive properties of the blood platelets in acute hemorrhagic stress. Cas.lek. cesk. 99 no.20/21:637-644 20 My '60.

1. Klinika chorob vnitrnich lekarske fakulty University Karlovy se
sidlem v Plzni, prednosta prof. dr. Karel Bobek.
(HEMORRHAGE exper)
(BLOOD PLATELETS)

BOBEK, Karel, prof.MUDr.; CEPELAK, Vaclav, MUDr.

Control of thromboembolic diseases in Czechoslovakia. Cesk. zdravot.
9 no.1:24-28 '61.

1. Klinika chorob vnitřních fakulty všeobecného lékařství KU se
sídlem v Pízni.

(THROMBOEMBOLISM prev & control)

BOBEK, Karel; CEPELAK, Vaclav

Blood coagulation relationships in experimental venous stasis, Cas.
lek. cesk. 101 no.31:945-948 27 J1 '62.

1. Klinika chorob vnitřních lékařské fakulty University Karlovy se
sídlím v Plzni, přednosta prof. dr. K. Bobek.

(BLOOD COAGULATION physiol) (VEINS physiol)
(FIBRINOLYSIS physiol)

BOBEK, K.; CEPELAK, V.; MADLE, A.

Venous thrombosis, obesity and fat ingestion. Acta univ. carol.
[Med] Suppl. 15:89-95 '61.

1. Klinika chorob vnitřních lékařské fakulty University Karlovy se
sídlím v Plzni, přednosta prof. dr. K. Bobek.
(THROMBOSIS etiol) (OBESITY etiol)
(FATS nutrition & diet)

CEPELAK, V.; KRONUS, R.

Pharmacotherapy of thromboembolic diseases in the light of modern knowledge. Cesk. gynek. 30 no.9:671-674 N '65.

1. Interni klinika (prednosta prof. dr. K. Bobek [deceased]) a gyn.-por. klinika (prednosta prof. dr. V. Mikolas) lekarske fakulty Karlove University v Plzni.

BOBEK, K., prof. dr. [deceased]; CAJZL, L.; CEPELAK, V.; SLAISOVA, V.;
OPATNY, K.; BARCAL, R.

Venous diseases and the role of various factors in their development. Cas. lek. cesk. 104 no.14:361-367 9 Ap '65

1. Klinika chorob vnitrnich fakulty vseobecneho lekarstvi v plzni (prednosta: prof. dr. K. Bobek [deceased]).

(9)

Cardiology

CZECHOSLOVAKIA

SOVA, J.; PAICHL, P.; ~~VANEK, J.~~; POKORNY, M.; HULA, J.; JANEK, A.; CAJZL, L.; ~~CEPELAK, V.~~; PETEROVA, E.; SIGMUND, R.; LAHN, V.; VOHNIK, S.; Clinic of Internal Diseases, Med. Fac., Charles Univ. (Klinika Chorob Vnitřních Lek. Fak. KU), Plzen, Prednosta (Head) Prof Dr J. SOVA; Internal Department Local Institute of National Health, Factory Hospital (Interní Oddelení MUNZ Zavodní Nemocnice Odborového Podniku) Skoda, Plzen, Head (Prednosta) Docent Dr M. POKORNY; Psychiatric Clinic Med. Fac. Charles University (Psychiatrická Klinika Lek. Fak. KU), Plzen, Head (Prednosta) Prof Dr E. VENCOVSKY; Siskl Pathological and Anatomical Institute Med. Fac. Charles University (Siklův Patologickoanatomický Ústav Lek. Fak. KU), Plzen; Head (Prednosta) Prof Dr J. VANEK; Group for the Development of Programming Methods (Skupina Rozvoje Programovacích Metod v Odborovém Podniku) Skoda, Plzen, Head (Vedoucí) A. KATOELICKY; Chair of Mathematics, Electrotechnical Faculty College of Mechanical Engineering (Katedra Matematiky Elektrotechnické Fakulty VSSE), Plzen, Head (Vedoucí) Docent J. KLATIL; Central Biochemical Laboratory (Ústřední Biochemické Laboratoře) FN, Plzen, Head (Prednosta) Dr V. LAHN.

"Use of Digital Computers in the Evaluation of Pathogenesis, Diagnosis, and Prognosis of Myocardial Infarction."

... 17 Jan 66 pp 683-

CZECHOSLOVAKIA

Prague, Casopis Lekarů Českých, Vol 105, No 24-25, 17 Jun 66, pp 683-684

Abstract: Computer evaluation of data obtained in the study of acute infarct of the myocardium is described. 280 indicators were used which allowed the use of 2200 characteristic codes. A 50 page code was prepared. All 280 indicators use numbers 1 to 9, and data on one patient are contained on 4 cards. The first problem is the determination of the frequency of correlation complexes of the most important signs of an acute myocardial infarct. 2 Western references

2/2

- 9 -

CZECHOSLOVAKIA

HOFMANOVA, O., CERKASOVOVA, A., FOUSTKA, M; Zoological Institute,
Charles University (Zoologicky Ustav KU), Prague.

"Metabolism of Chest Muscles of *Periplaneta Americana* During
Flight."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 2, Feb 66, p 121

Abstract: *Periplaneta Americana* can fly for 9 minutes. The
oxygen consumption at the beginning of the flight is higher than
towards its end. 69 - 86% of glycogen present in red muscles
is consumed during the flight. The thorax warms up during the
flight to 36°C; above this temperature the animal cannot fly.
No references. Submitted at "16 Days of Physiology" at Kosice,
27 Sep 65.

1/1

- 152 -

CEPELEWICZ, S.

CA

11

Biochemistry of the wax moth (*Galleria mellonella*). I. Growth of the larvae and their chemical composition. W. Niemierko and S. Cepelewicz (Nencki Inst., Lodz, Poland). *Acta Biol. Exptl.* (Poland) 15, 57-68 (1950) (in English).—A hatched larva weighs 0.01-0.02 mg.; as it grows its wt. increases to 200 mg. Accumulation of lipides parallels the increase in wt. The compn. of the fats remains unchanged, unsatd. fatty acids predominating. The protein content (%) decreases during the same period. II. Utilization of wax constituents by the larvae. W. Niemierko and P. Wlodawer. *Ibid.* 69-78.—The larvae (wt. approx. 10 mg.) were placed on a comb (I). When I was consumed (10-15 days), the larvae (II) were weighed, excreta (III) collected and the lipide content of I, II, and III detd. The fatty acids were isolated from CHCl_3 exts. of samples by evapg. CHCl_3 , sapong. the residue (alk. KOH-benzene), sepg. the benzene layer, and repeating benzene extn. of the alc. soln. All the benzene fractions were washed with boiling 50% KOH and combined, benzene evapd., and the residue dried at 35° *in vacuo* to const. wt. to give the unsaponifiable fraction. The alc. soap soln. was treated with concd. HCl and extd. with benzene. The benzene layer, contg. free fatty acids, was washed with 5% NaCl , evapd., and dried to const. wt. The results showed that 50% of the ingested wax was utilized by the larvae, which are able to oxidize both the fatty acids and the unsaponifiable wax components, the latter being oxidized to fatty acids as the 1st step of metabolism. III. Oxygen consumption of the larvae during starvation. W. Niemierko and L. Wojczak. *Ibid.* 79-90.—Fully grown larvae were kept at 30° . A ligature applied just behind the head prevented them from con-

structing cocoons and permitted 30-40-day expts. The O_2 uptake (Warburg manometer) followed a U-shaped curve, which fell to $\frac{1}{2}$ the original value immediately after ligation. After several days a slow, or sometimes a rapid, increase started and continued up to death. Considerable dehydration took place in the latter stages of starvation. IV. Phosphorus metabolism during feeding and starvation of larvae. Stella Niemierko. *Ibid.* 91-9; cf. Lindsey and Craig, *C.A.* 36, 7150.—Ligated worms were used to det. the total P (Fiske and Subbarow) in the body and the total P excreted during a starvation period of 30 days. The total P of a normal larva was 228 ± 33 mg. $\%$. Growing larvae retained 15% of food P; the P content of excreta was 4%. During starvation the larvae lost $\frac{1}{2}$ of their body P. In the initial stages the P loss was larger than the loss in body wt.; at the last stages the relation reversed. V. Acid-soluble phosphorus in the starving larvae. *Ibid.* 101-9.—The larvae contained approx. 100 mg. $\%$ of acid-sol. P, 14 mg. $\%$ inorg. P, 29 mg. $\%$ P hydrolyzable in 7 min., 14 mg. $\%$ slightly hydrolyzable P, and 51 mg. $\%$ nonhydrolyzable P. In starving larvae after 25-30 days the acid-sol. P decreased to 50-60 mg. $\%$, the inorg. P diminishing in the last stages of starvation only. The decrease in the nonhydrolyzable P compds. was the largest. VI. Metaphosphate in the excreta of the wax moth. Stella Niemierko and W. Niemierko. *Ibid.* 111-23.—Orthophosphate (I) from the food (honey comb) was transformed almost completely to metaphosphate (II) in the body. The presence of II in the excreta of both the larva and the moth was assumed because the P-labile compl. (which constitutes 60-90% of the total P) was sol. in acid and H_2O , converted to I on 7 mins. boiling at 100° in 1 N HCl ; its Ba salt was insol., Pb pptd. it at pH 2; it pptd. proteins and gave a pos. reaction with toluidine blue. An enzyme which converts II to I was demonstrated in a homogenate of the larvae.

I. Z. Roberts

1951

Cepelewicz, S.

Poland/Analytical Chemistry - Analysis of Inorganic Substances, G-2

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 1260

Author: Cepelewicz, S., and Korzybski, R.

Institution: None

Title: Detection of Metallic Poisons with Organic Reagents

Original

Periodical: Acta polon. pharmac., 1956, Vol 13, No 3, 213-218 (published in Polish with summaries in English and Russian)

Abstract: For the detection of metallic poisons in legal chemical analysis, the sample is mineralized by heating with HCl in the presence of $KClO_3$; the chlorine is removed from the solution thus obtained by passing air through the solution for 10 minutes and the presence of metals is detected by direct action of organic reagents. Hg is detected by the blue-violet color produced upon addition of 2-3 drops of an alcoholic solution of diphenylcarbazone (0.1 gm in 10 ml 95% alcohol) to one milliliter of the solution to be analyzed. Ions of Bi, Cu, Zn, and As do not interfere with the reaction. For the detection of Bi

Card 1/2

Poland/Analytical Chemistry - Analysis of Inorganic Substances, G-2

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 1260

Abstract: 2-3 drops of an acid solution of cinchonine hydrochloride (I), containing KI (0.1 gm I is dissolved in 10 ml water and 5 drops of 10% HNO_3 and one milliliter of 10% KI solution are added), are added to one milliliter of the solution to be analyzed. An orange precipitate is obtained even at dilutions of 1:200,000. Bi can also be detected by the formation of a blue-violet precipitate when 5-6 drops of a 0.2% alcoholic solution of methyl red and 5-6 drops of 5% aqueous chloramine are added to one milliliter of the solution to be analyzed. The limiting concentration is 1:4,000. For the detection of Cu 2-3 drops of 5% alcoholic solution of cupron and several drops of ammonia are added to one milliliter of the solution to be analyzed (a green precipitate is formed). An alternate method consists in the exact neutralization of one milliliter of solution, followed by the addition of 4-5 drops of a 5% solution of 8-hydroxyquinoline in 10% CH_3COOH and 4-5 drops 25% KCN (a red color is produced). Ions of Bi, Hg, Zn, and As do not interfere with the test.

Card 2/2

CEPELIK, F.

New meat-processing machines. p. 631. (STROJIRENSTVI, Vol. 7, No. 8,
Aug 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

CEPELIK, J.; CERNOHORSKY, M.

Comparison of some effects of heparin and the perotal heparinoid
"Ateroid" in rats. Cas. lek. cesk. 102 no.47:1291-1294 22 N '63.

1. Farmakologický ústav fakulty všeobecného lékařství KU v Praze,
prednosta doc. dr. M. Wenke.

IVANCIC, R.; URBANKE, A.; RADONIC, M.; KALLAI, L.; SARIC, S.;
ASPERGER, Z.; CEPELJA, Z.

Latent stenosis of the aortic isthmus. Liječn. vjesn. 85
no.2:183-186 '63.

(AORTIC COARCTATION)

S

YUGOSLAVIA

Drs ČEPELJKA, Zvonimir; GRGIĆ, Zvonimir; and IVANOV, Dako, Clinic of Internal Medicine (Interna Klinika), Faculty of Medicine (Medicinski Fakultet), Zagreb.

"Damage to the Bone Marrow from 'Chloramphenicol'."

Zagreb, Liječnički Vjesnik, Vol 85, No 9, September 1963, pp 995-1000.

Abstract: [Authors' German summary modified] The aforementioned antibiotic, discovered in 1947 and in use since 1948, became subsequently the object of warnings against the possibility of toxic effect. The drug continued to be used, however, and disturbing reports of negative effects have repeatedly appeared. The current article reports on nine patients treated between 1954 and 1963 for damage to the bone marrow due to the application of this antibiotic, seven of whom died under a diagnosis of pancytopenia. The possibility of damage to the hematopoietic composition is discussed, and advice is offered as to the advisability and inadvisability of applying the drug on the basis of foreign literature and the authors' own observations. Under Yugoslav conditions, the blood picture must be checked before and during therapy, especially the reticulocytes and thrombocytes.

One diagram, two tables, three Yugoslav and 27 Western references.

1/1

L 13337-66

ACC NR: AP6006031

SOURCE CODE: CZ/0053/65/014/004/0289/0289

AUTHOR: Cepelik, J.; Cernohorsky, M.; Schusterova, M.; Wenke, M. 20

ORG: Faculty of General Medicine, Institute of Pharmacology, Charles University, Prague (Farmakologicky ustav fak. vseob. lek. KU)

TITLE: Effect of isoxsuprin on lipid metabolism [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 27 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 289

TOPIC TAGS: biologic metabolism, drug effect, pharmacology, biochemistry

ABSTRACT: Study of nonesterified fatty acids mobilization by norepinephrine and levo, dextro and racemic isoxsuprine in vitro and in vivo indicates wide discrepancies between the effect of epididymal fatty tissue and the effect in vivo: Possibly the difference is due to glycosynthetic effects. The authors thank Dr. H. D. Moed for placing the isoxsuprine at their disposal. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 06 / SUBM DATE: none / OTH REF: 001

jw

Card 1/1

L 13233-66

ACC NR: AP6006033

SOURCE CODE: CZ/0053/65/014/001/0290/0290

AUTHOR: Gernohorsky, M.; Schusterova, D.; Cepelik, J.; Muhlbachova, E. 27

ORG: Faculty of General Medicine, Institute of Pharmacology, Charles University, Prague (Farmakologicky ustav fak. vseob. lek. KU) B

TITLE: Properties of some catechol sympathomimetic drugs on lipid mobilization in vitro [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 27 Jan 65.]

SOURCE: Caskoslovenska fysiologie, v. 14, no. 4, 1965, 290

TOPIC TAGS: nervous system drug, drug effect, pharmacology

ABSTRACT: Effect on nonesterified fatty acid concentration in fatty tissue in vitro of addition of 8 simple aliphatic catecholamine derivatives of norepinephrine; while alpha and beta adrenergic effect differs widely, lipomobilizing effect differed only mildly in these catecholamine analogs. The authors thank Dr. Engelhardt and Dr. Moed for making the materials available for use. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 06 / SUBM DATE: none / OTH REF: 004

Cord 1/1

L 13223-66

ACC NR: AP6006079

SOURCE CODE: CZ/0053/65/014/004/0311/0311

AUTHOR: Schusterova, D.; Cernohorsky, M.; Cepelik, J.; Wenke, M.

ORG: Institute of Pharmacology, Faculty of General Medicine, Prague (Farmakologicky
ustav fak. vseob. lek.)

TITLE: The effect of oxedrine sympathomimetics on lipid mobilization in vitro
[This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 27 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 311

TOPIC TAGS: pharmacology, drug effect, aliphatic carboxylic acid, biochemistry,
cyclic group, nervous system drug

ABSTRACT: Study using 8 parahydroxy homologs of oxedrine on nonesterified
fatty acid release from epididymal tissue in albumin medium revealed that the
activity of sympathomimetics is directly dependent on the number of benzene
hydroxy groups. Lengthening of the side chain increases the oxedrine affinity
for fatty tissue 2.5 times more than that of the catecholamine derivatives.
Orig. art. has: 1 figure. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 001

Card 1/1

L 13215-66

ACC NR: AP6006103

SOURCE CODE: CZ/0053/65/014/004/0321/0321

AUTHOR: Wenke, M.; Schusterova, D.; Cernohorsky, M.; Cepolic, J.

ORG: Institute of Pharmacology, FVL, Prague (Farmakologicky ustav FVL) 28b

TITLE: Comparative tracheorelaxant and lipid mobilizing effect of sympathomimetic drugs [This paper was presented during the Twelfth Pharmacologic Days, Sinolenice, 27 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 321 / 65

TOPIC TAGS: pharmacology, drug effect, nervous system drug, experiment animal, biologic metabolism, respiratory system

ABSTRACT: Seven each of N-substituted derivatives of norepinephrine and noroxedrine were used in an attempt to antagonize histamine spasm of guinea pig trachea in vitro. Whereas the relationship between lipid mobilizing effect of the two types of drugs was linear, that between the tracheal effect was parabolic. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 002

Jrn

Card 1/1

CZECHOSLOVAKIA

CEPELIK, J.; CERNOHORSKY, M.; LINCOVA, D.; WENKE, M.; Pharmacological Institute, Faculty of General Medicine, Charles University (Farmakologicky Ustav FVL KU), Prague.

"The Influence of Phentolamine on the Lipomobilization Effects of Noradrenalin and ACTH."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, p 411

Abstract: In experiments in vitro phentolamine in concentrations of $5 \times 10^{-4} M$ influences the lipomobilization effect of both noradrenalin and ACTH to the same degree; a definite non-specific antagonism was proved. The mechanism of the action of phentolamine is discussed. 2 Western, 2 Czech references. Submitted at 14 Days of Pharmacology at Smolenice, 16 Feb 66.

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CZECHOSLOVAKIA

CERMONORSKY, M.; CEPELIK, J.; LINCOVA, D.; WENKE, M.; Pharmacological Institute, Faculty of General Medicine, Charles University (Farmakologicky Ustav FVL KU), Prague.

"The Problem of Relationship in Interactions of Sympathomimetics and Sympatholytics in Influencing Lipomobilization".

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, pp 411 - 412

Abstract: Epididymal fatty tissue of rats was used in experiments in vitro to determine the influence of nicotinic acid (1×10^{-5} M to 1×10^{-2} M) on noradrenalin lipomobilization. In concentrations above 1×10^{-4} an antagonistic non-specific action was observed. Beta-sympathomimetics and beta-sympatholytics influence adrenalin lipomobilization specifically; other substances, such as alpha-sympatholytics, nicotinic acid, do not influence lipomobilization specifically. 4 Western references. Submitted at 14 Days of Pharmacology at Smolenice, 16 Feb 66.

CEPELJA, Zvonimir, dr.; GRGIC, Zvonimir, dr.; IVANOV, Dako, dr.

Bone marrow lesions due to chloramphenicol. Lijecn. vjesn.
85 no.9:995-1000 '63

1. Iz Interne klinike Medicinskog fakulteta u Zagrebu.

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S/137/62/000/010/021/028
A052/A101

AUTHOR: Cepelka, Vladimir

TITLE: Method and device for the heat-treatment of sheets, shapes and similar products

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 10, 1962, 138, abstract 10I946 P (Czech. pat., no. 99304, April 15, 1961)

TEXT: For the design of the heating device for heating sheets and shapes, in particular, of light and non-ferrous metals, it is essential that the product is placed between two heated plates, of which the lower one is stationary and the upper one can be lifted and lowered. The contact surfaces of the plates can have a different shape depending on the heated product. Inside the plates heat sources, for instance electric heaters, are placed. The product clamped between the plates is heated due to heat conductivity.

M. Shapiro

[Abstracter's note: Complete translation]

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"The formation of microcrystalline carbon by thermic dissociation of hydrocarbons." p. 23.
(ELEKTROTEHNIŠKI VESTNIK, Vol. 21, no. 1/2, 1953, Ljubljana.)

30: Monthly List of East European Accessions, Vol. 2, #3, Library of Congress
August, 1953, Uncl.

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1. Ustav farmakologie UK, Kosice.

(CHLORPROMAZINE, eff.

on exper. shock, comparison with phenobarbital (Cz))

(RESERPINE, eff.

same)

(PHENOBARBITAL, eff.

on exper. shock, comparison with chlorpromazine & phenobarbital (Cz))

(CONVULSIONS, exper.

eff. of chlorpromazine & reserpine, comparison with phenobarbital (Cz))

CEPELOVA, L.

A modified method of rotating shaft for modern investigations on effects of drugs during heat stimulation. Cesk. fysiол. 8 no.5: 446-447 S '59

1. Farmakologicky ustav Lek. fak. KU Kosice.
(ANALGESICS AND ANTIPYRETICS, pharmacol.)

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Yugoslavia (430)

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